

# EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

Best Available Copy

PUBLICATION NUMBER : 55080832  
PUBLICATION DATE : 18-06-80

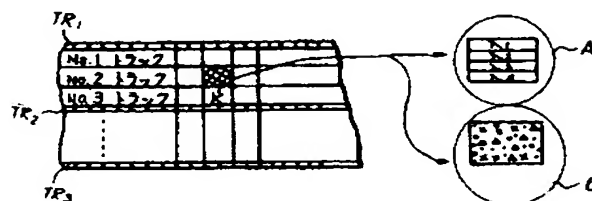
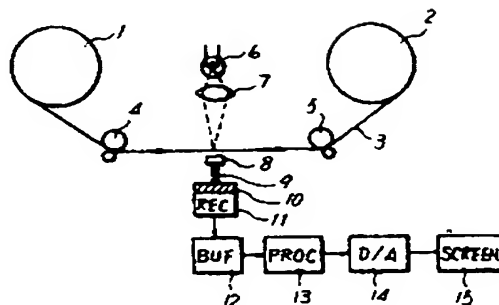
APPLICATION DATE : 15-12-78  
APPLICATION NUMBER : 53154206

APPLICANT : OKI ELECTRIC IND CO LTD;

INVENTOR : FUKUI RYOTARO;

INT.CL. : G11B 7/00

TITLE : WAVELENGTH MULTIPLE  
RECORD/REPRODUCTION SYSTEM



**ABSTRACT :** PURPOSE: To secure the record/reproduction for the high-density picture signal by irradiating several types of materials provided on the base component through the light source of the multiple wavelength to secure the identification for the light corresponding to each material and then carrying out the recording through the ON and OFF of the digital signal.

**CONSTITUTION:** The recording medium illustrates the case of tape 3, and this tape 3 is irradiated via multiple wavelength light source 6 (such as the white light source) and then received 8 to undergo various types of processes via photo sensor 10. Thus the picture is displayed on screen 15. Then timing tracks TR<sub>1</sub>, TR<sub>2</sub> and TR<sub>3</sub> are provided on tape 3 along with plural number of the information track. The materials relating the light of specified wavelengths  $\lambda_1 \sim \lambda_4$  can be distributed in stripes or can be compounded at each region. Both transmission and non-transmission of the light of the specified wavelength are recorded in correspondence to the digital information of 1 and 0. And thus the high-density information can be recorded to each cell.

COPYRIGHT: (C)1980,JPO&Japio

**THIS PAGE BLANK (USPTO)**